

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
Jerry Shifman	:	Group Art Unit: Unknown
Serial No.:	:	Examiner: Unknown
Filed:	:	
For: FLEXIBLE HOSE HAVING REDUCED	:	
FUEL VAPOR PERMEABILITY AND METHOD	:	
OF MANUFACTURING SUCH HOSE	:	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
Sir:

In compliance with the duty of disclosure set forth in 37 CFR §1.56, attached hereto is Form PTO-1449 containing a list of patents and/or publications for Applicants' Information Disclosure Statement. It is respectfully requested that the information be considered during the prosecution of this application and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The undersigned represents that the references provided herein represent the closest art of which Applicants or their legal representatives are presently aware, and/or is representative of the general state-of-the-art in the field to which the invention relates. However, the filing of this Information Disclosure Statement is neither an admission nor a representation (1) that the information cited necessarily constitutes "prior art," or (2) that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b); or (3) that no better art may exist or that a thorough patentability search necessarily has been conducted.

Applicants respectfully request consideration of each of the listed patents and/or publications during examination of the present application.

Identification of person(s) making this Information Disclosure Statement:

The person making this statement is:

(a) \_\_\_\_\_ the inventor(s) who signs below

\_\_\_\_\_  
Signature of Inventor

\_\_\_\_\_  
Name of Inventor Signing

(b)   X   the attorney who signs below on the basis of:  
\_\_\_\_\_ the information supplied by the inventor(s)  
\_\_\_\_\_ which has been reviewed by the attorney  
\_\_\_\_\_ which has not been reviewed by the attorney  
  X   the information in the attorney's file

Respectfully submitted,

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	
		Filing Date	
		First Named Inventor	Shifman
		Art Unit	
		Examiner Name	
Sheet 1 of 3	Attorney Docket Number	94-25c	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- RE32230	08-1986	Satoh et al.	
		US- 3864228	02-1975	Rossetti	
		US- 4130535	12-1978	Coran et al.	
		US- 4330017	05-1982	Satoh et al.	
		US- 4606952	08-1986	Sugimoto	
		US- 4758455	07-1988	Campbell et al.	
		US- 4828923	05-1989	Nakagawa et al.	
		US- 4988548	01-1991	Takemura et al.	
		US- 5006594	04-1991	Rees	
		US- 5051480	09-1991	Coran	
		US- 5053450	10-1991	Coran	
		US- 5057345	10-1991	Barrett	
		US- 5109071	04-1992	Johnson et al.	
		US- 5194508	03-1993	Nicholas	
		US- 5206293	04-1993	Sakai et al.	
		US- 5320888	06-1994	Stevens	
		US- 5367023	11-1994	Caporiccio et al.	
		US- 5371143	12-1994	Novak et al.	
		US- 5405912	04-1995	Simkin	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 432911-A-1	6-1991	Europe		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2	of 3		

[illegible][illegible]

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		Filing Date	
		First Named Inventor	Jerry Shifman
		Art Unit	
		Examiner Name	
Sheet 3	of 3	Attorney Docket Number	94-25c

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		VITON, Fluoroelastomer Technical Information, pages 1-16	
		DYNEON, Fluorothermoplastics Product Information, two pages	

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